

Hydro-Light Water Pad Tester 99709-0

Free Water Measurement in Aviation Fuel

ASTM D3240

The Hydro-Light Water Pad Tester provides results efficiently with an easy one step measurement process. The instrument is designed so the result is read from the pad – simply put the pad in the slide then place the slide in the machine and read the digital display to determine the free water content of the fuel up to 50 PPM. Hydro light provides increased accuracy and reliability with greatly improved repeatability and reproducibility.

- No user calibration required
- Long life LED light source
- +/- 0.5 PPM accuracy
- Digital readout within PPM in 3 seconds
- Simple to use



Technical Specifications

Measurement technology	LED source amplified photodiode receiver, microprocessor controlled
Readout LCD	microprocessor controlled Readout LCD: Internal Test Messages, Status, and PPM Pad Reading
Time to reading	10 seconds from shuttle input
Reading update	3 seconds
Range	0-50 ppm
Precision	+/- 0.5% of reading
Resolution	0.1 ppm
Warm up	1 minute from initial power-up
Power	100 – 240 VAC 50/60 Hz 0.6A
Pad type	25 mm Pad with Fluorescein Dye
Chemical range	Limited by Test Pad (See ASTM RR-1156)